

## EAST Search History

| Ref # | Hits    | Search Query  | DBs             | Default Operator | Plurals | Time Stamp       |
|-------|---------|---|-----------------|------------------|---------|------------------|
| S1    | 1       | "5610913".pn.   | US-PGPUB; USPAT | OR               | ON      | 2006/07/26 08:18 |
| S2    | 1       | "4197429".pn.   | US-PGPUB; USPAT | OR               | ON      | 2006/07/26 08:57 |
| S3    | 3103132 | @ad<"19990825"<br>@rlad<"19990825"  | US-PGPUB; USPAT | OR               | ON      | 2006/07/26 09:02 |
| S4    | 73931   | "370".clas.   | US-PGPUB; USPAT | OR               | ON      | 2006/07/26 09:02 |
| S5    | 839     | 370/216.cccls.  | US-PGPUB; USPAT | OR               | ON      | 2006/07/26 09:02 |
| S6    | 466     | 370/217.cccls.  | US-PGPUB; USPAT | OR               | ON      | 2006/07/26 09:02 |
| S7    | 628     | 370/242.cccls.  | US-PGPUB; USPAT | OR               | ON      | 2006/07/26 09:02 |
| S8    | 88      | 370/243.cccls.  | US-PGPUB; USPAT | OR               | ON      | 2006/07/26 09:02 |
| S9    | 424     | 370/244.cccls.  | US-PGPUB; USPAT | OR               | ON      | 2006/07/26 09:02 |
| S10   | 164     | 370/245.cccls.  | US-PGPUB; USPAT | OR               | ON      | 2006/07/26 09:03 |
| S13   | 2       | ((((first with second with third) plurality) near ports) with (input with output)) same (divert send transmit) near (flow stream) | US-PGPUB; USPAT | OR               | ON      | 2006/07/26 09:14 |
| S14   | 14      | ((((first with second with third) plurality) near ports) same (divert send transmit) near (flow stream))                          | US-PGPUB; USPAT | OR               | ON      | 2006/07/31 08:53 |
| S15   | 0       | (protection adj switch\$4) with ports with fail with (divert\$4 diver\$5)   | US-PGPUB; USPAT | OR               | ON      | 2006/07/26 09:24 |
| S16   | 2       | (protection adj switch\$4) with ports with (divert\$4 diver\$5)   | US-PGPUB; USPAT | OR               | ON      | 2006/07/31 14:06 |
| S17   | 1       | "5959972".pn.   | US-PGPUB; USPAT | OR               | ON      | 2006/07/26 13:27 |
| S19   | 1       | "6292463".pn.   | US-PGPUB; USPAT | OR               | ON      | 2006/07/27 14:27 |
| S20   | 8       | dummy adj flow  | US-PGPUB; USPAT | OR               | ON      | 2006/07/27 14:30 |
| S21   | 3611    | dummy adj data  | US-PGPUB; USPAT | OR               | ON      | 2006/07/27 14:31 |
| S22   | 3103274 | @ad<"19990825"<br>@rlad<"19990825"  | US-PGPUB; USPAT | OR               | ON      | 2006/07/27 14:31 |
| S23   | 74104   | "370".clas.   | US-PGPUB; USPAT | OR               | ON      | 2006/07/27 14:31 |

## EAST Search History

|     |         |  |                    |    |    |                  |
|-----|---------|--|--------------------|----|----|------------------|
| S24 | 243     | S21 and S22 and S23  | US-PGPUB;<br>USPAT | OR | ON | 2006/07/27 14:31 |
| S25 | 140     | S24 and switch   | US-PGPUB;<br>USPAT | OR | ON | 2006/07/27 14:31 |
| S26 | 55      | S24 and switch and port  | US-PGPUB;<br>USPAT | OR | ON | 2006/07/27 14:32 |
| S27 | 34      | S24 and (switch same port)   | US-PGPUB;<br>USPAT | OR | ON | 2006/07/27 14:32 |
| S28 | 17      | S24 and (switch same port) and fail  | US-PGPUB;<br>USPAT | OR | ON | 2006/07/27 14:34 |
| S29 | 14      | S24 and (switch same port) and fail and error  | US-PGPUB;<br>USPAT | OR | ON | 2006/07/27 14:34 |
| S53 | 89      | ((protection adj switch\$4) error) same (different with time with port)  | US-PGPUB;<br>USPAT | OR | ON | 2006/07/31 09:23 |
| S54 | 48      | ((protection adj switch\$4) error) with (different with time with port)  | US-PGPUB;<br>USPAT | OR | ON | 2006/07/31 09:28 |
| S55 | 3103274 | @ad<"19990825"<br>@rlad<"19990825"   | US-PGPUB;<br>USPAT | OR | ON | 2006/07/31 09:23 |
| S56 | 35      | S54 and S55  | US-PGPUB;<br>USPAT | OR | ON | 2006/07/31 09:23 |
| S57 | 28      | ((protection adj switch\$4) error) with (programmable adj timer)   | US-PGPUB;<br>USPAT | OR | ON | 2006/07/31 09:29 |
| S58 | 11      | (US-5216666-\$ or US-6292463-\$ or US-5959972-\$ or US-6026098-\$ or US-5828978-\$ or US-5557609-\$ or US-5396495-\$ or US-5299195-\$ or US-6262977-\$ or US-5329520-\$ or US-5363368-\$).did. | USPAT              | OR | ON | 2006/08/01 07:51 |
| S59 | 0       | S58 and (reduc\$4 near (bit adj rate))   | US-PGPUB;<br>USPAT | OR | ON | 2006/07/31 13:24 |
| S60 | 6       | (protection adj switch\$4) and error and (reduc\$4 near (bit adj rate))  | US-PGPUB;<br>USPAT | OR | ON | 2006/07/31 13:33 |
| S61 | 30      | error with (reduc\$4 near (bit adj rate)) and port   | US-PGPUB;<br>USPAT | OR | ON | 2006/07/31 13:34 |
| S62 | 0       | error with (reduc\$4 near (bit adj rate)) same port  | US-PGPUB;<br>USPAT | OR | ON | 2006/07/31 13:34 |
| S63 | 3103274 | @ad<"19990825"<br>@rlad<"19990825"   | US-PGPUB;<br>USPAT | OR | ON | 2006/07/31 13:34 |
| S64 | 11      | S63 and S61  | US-PGPUB;<br>USPAT | OR | ON | 2006/07/31 13:39 |
| S65 | 28      | (port with error) and (reduc\$4 near bit near2 rate)   | US-PGPUB;<br>USPAT | OR | ON | 2006/07/31 13:45 |
| S66 | 12      | S65 and S63  | US-PGPUB;<br>USPAT | OR | ON | 2006/07/31 13:45 |

## EAST Search History

|     |         |  |                 |    |    |                  |
|-----|---------|--|-----------------|----|----|------------------|
| S67 | 90      | (port with error) and (low near bit near2 rate)  | US-PGPUB; USPAT | OR | ON | 2006/07/31 13:45 |
| S68 | 7       | (port with error) same (low near bit near2 rate)   | US-PGPUB; USPAT | OR | ON | 2006/07/31 14:06 |
| S69 | 3       | S68 and S63  | US-PGPUB; USPAT | OR | ON | 2006/07/31 14:03 |
| S70 | 73755   | (slow\$4 reduc\$4 low\$4 decreas\$4) near2 (flow stream packet data frame) near (rate speed) | US-PGPUB; USPAT | OR | ON | 2006/07/31 14:28 |
| S71 | 7925    | (port with error)  | US-PGPUB; USPAT | OR | ON | 2006/07/31 14:14 |
| S72 | 3616    | (protection adj switch\$4)   | US-PGPUB; USPAT | OR | ON | 2006/07/31 14:06 |
| S73 | 12      | S70 and S71 and S72  | US-PGPUB; USPAT | OR | ON | 2006/07/31 14:07 |
| S74 | 10      | S73 and S63  | US-PGPUB; USPAT | OR | ON | 2006/07/31 14:07 |
| S75 | 160     | S70 and S72  | US-PGPUB; USPAT | OR | ON | 2006/07/31 14:12 |
| S76 | 79      | S75 and S63  | US-PGPUB; USPAT | OR | ON | 2006/07/31 14:13 |
| S77 | 468     | S70 and S71  | US-PGPUB; USPAT | OR | ON | 2006/07/31 14:13 |
| S78 | 324     | S77 and S63  | US-PGPUB; USPAT | OR | ON | 2006/07/31 14:13 |
| S79 | 3258634 | (port line link ingress)   | US-PGPUB; USPAT | OR | ON | 2006/07/31 14:15 |
| S80 | 78      | S76 and S79  | US-PGPUB; USPAT | OR | ON | 2006/07/31 14:15 |
| S81 | 14      | (slow\$4 reduc\$4 low\$4 decreas\$4) near (bit adj rate) near threshold                      | US-PGPUB; USPAT | OR | ON | 2006/07/31 14:29 |
| S82 | 8       | S63 and S81  | US-PGPUB; USPAT | OR | ON | 2006/07/31 14:37 |
| S83 | 50      | (low adj bit adj rate) with threshold  | US-PGPUB; USPAT | OR | ON | 2006/07/31 14:43 |
| S84 | 21      | S83 and S63  | US-PGPUB; USPAT | OR | ON | 2006/07/31 14:38 |
| S85 | 1       | (low adj rate) with threshold with diver\$4  | US-PGPUB; USPAT | OR | ON | 2006/07/31 14:44 |
| S86 | 0       | (low adj rate) with threshold with redirect\$4   | US-PGPUB; USPAT | OR | ON | 2006/07/31 14:45 |
| S87 | 0       | (rate near below) with threshold with redirect\$4  | US-PGPUB; USPAT | OR | ON | 2006/07/31 14:45 |

## EAST Search History

|      |         |  |                    |    |    |                  |
|------|---------|--|--------------------|----|----|------------------|
| S88  | 7       | (rate near below) with threshold with diver\$4   | US-PGPUB;<br>USPAT | OR | ON | 2006/07/31 14:46 |
| S89  | 2       | S88 and S63  | US-PGPUB;<br>USPAT | OR | ON | 2006/07/31 14:45 |
| S90  | 0       | (packet data frame) near ((rate speed) near below) with threshold with (diver\$4 redirect\$4)  | US-PGPUB;<br>USPAT | OR | ON | 2006/07/31 14:48 |
| S91  | 0       | (packet data frame message signal) near ((rate speed) near below) with threshold with (diver\$4 redirect\$4)   | US-PGPUB;<br>USPAT | OR | ON | 2006/07/31 14:49 |
| S92  | 54      | (packet data frame message signal) near ((rate speed) near below) with threshold   | US-PGPUB;<br>USPAT | OR | ON | 2006/07/31 14:49 |
| S93  | 28      | S92 and S63  | US-PGPUB;<br>USPAT | OR | ON | 2006/07/31 14:49 |
| S94  | 11      | (US-5216666-\$ or US-6292463-\$ or US-5959972-\$ or US-6026098-\$ or US-5828978-\$ or US-5557609-\$ or US-5396495-\$ or US-5299195-\$ or US-6262977-\$ or US-5329520-\$ or US-5363368-\$).did. | USPAT              | OR | ON | 2006/08/01 07:52 |
| S95  | 1       | ((bit adj error adj rate)(signal adj noise adj ratio)) and S94   | USPAT              | OR | ON | 2006/08/01 07:53 |
| S96  | 237     | ((bit adj error adj rate)(signal adj noise adj ratio)) and (protection adj switching)  | USPAT              | OR | ON | 2006/08/01 07:54 |
| S97  | 11      | ((bit adj error adj rate)(signal adj noise adj ratio)) with port and (protection adj switching)  | USPAT              | OR | ON | 2006/08/01 08:50 |
| S98  | 3103565 | @ad<"19990825"<br>@rlad<"19990825"   | US-PGPUB;<br>USPAT | OR | ON | 2006/08/01 07:54 |
| S99  | 3       | S97 and S98  | USPAT              | OR | ON | 2006/08/01 07:54 |
| S100 | 4       | ((bit adj error adj rate)(signal adj noise adj ratio)) with port and (protection adj switching) and (sampl\$4 near (data flow stream packets frame signal message))                            | USPAT              | OR | ON | 2006/08/01 08:53 |
| S101 | 79      | port and (protection adj switching) and (sampl\$4 near (data flow stream packets frame signal message))  | USPAT              | OR | ON | 2006/08/01 09:12 |
| S102 | 55      | S98 and S101   | USPAT              | OR | ON | 2006/08/01 08:53 |
| S103 | 52      | S102 and error   | USPAT              | OR | ON | 2006/08/01 09:40 |

## EAST Search History

|          |      |  |       |    |    |                  |
|----------|------|--|-------|----|----|------------------|
| S10<br>4 | 6    | port and (protection adj switching)<br>and (sampl\$4 near (data flow<br>stream packets frame signal<br>message)) and dummy | USPAT | OR | ON | 2006/08/01 09:13 |
| S10<br>5 | 11   | (sampl\$3 adj (signal data frame))<br>with port with error   | USPAT | OR | ON | 2006/08/01 09:47 |
| S10<br>6 | 6    | S105 and S98   | USPAT | OR | ON | 2006/08/01 09:42 |
| S10<br>7 | 29   | (sampl\$3 adj (signal data frame))<br>with input near error  | USPAT | OR | ON | 2006/08/01 09:48 |
| S10<br>8 | 21   | S107 and S98   | USPAT | OR | ON | 2006/08/01 11:00 |
| S10<br>9 | 1727 | sample near3 replicate   | USPAT | OR | ON | 2006/08/01 11:01 |
| S11<br>0 | 48   | sample near3 replicate with (flow<br>stream signals)   | USPAT | OR | ON | 2006/08/01 11:01 |
| S11<br>1 | 38   | S110 and S98   | USPAT | OR | ON | 2006/08/01 11:02 |